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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 524322000300
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/538538 Not Yet Assigned
INTERNATIONAL APPLICATION NO. PCT/US03/39698	INTERNATIONAL FILING DATE 11 December 2003	PRIORITY DATE CLAIMED 11 December 2002
TITLE OF INVENTION FAST LOCALIZATION OF ELECTRICAL FAILURES ON AN INTEGRATED CIRCUIT SYSTEM AND METHOD		
APPLICANT(S) FOR DO/EO/US Dennis CIPICKAS et al.		

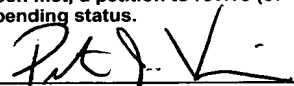
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau) (13 pages).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). (signed, 2 pages)
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included (3 pages).
- ☒ A preliminary amendment (15 pages).
- ☒ An Application Data Sheet under 37 CFR 1.76 (4 pages).
- ☐ A substitute specification.
- ☒ A power of attorney and/or change of address letter (1 page).
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information: Statement Under 37 CFR 3.73(b) w/copy of Assignment (3 pages) and Return Receipt Postcard

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U.S. APPLICATION NO. (if known, see 37 CFR 1.51) 10/538538 <small>Not yet assigned</small>		INTERNATIONAL APPLICATION NO. PCT/US03/39698		ATTORNEY'S DOCKET NUMBER 524322000300	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee\$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)\$100					
All other situations\$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100					
International Search Report prepared and provided to the Office\$400					
All other situations\$500				\$ 100.00	
TOTAL OF 21, 22 and 23 =				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	58- 20 =	38	x 50.00	\$ 1,900	
Independent claims	3 - 3 =	0	x 200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+ 360.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =				\$ 2,500	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$ 1,250	
SUBTOTAL =				\$ 1,250	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
TOTAL NATIONAL FEE =				\$ 1,250	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				Amount to be charged:	\$1,290
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>03-1952</u> in the amount of \$ <u>1,290</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1952</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="text-align: right;">  SIGNATURE: _____ Peter J. Yim NAME: _____ </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>CUSTOMER NUMBER: 20872</div> <div> 44,417 REGISTRATION NUMBER </div> </div>					

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 524322000300

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV561093367 in an envelope addressed to:

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Commissioner for Patents
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Alexandria, VA 22313-1450

on June 10, 2005
Date

Valerie Cohen

Signature

Valerie Cohen

Typed or printed name of person signing Certificate

N/A

Registration Number, if applicable

(415) 268-6373

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal Letter to the United States Designated-Elected Office (in duplicate, 6 pages)
2. Preliminary Amendment (15 pages)
3. Application Data Sheet (4 pages)
4. Declaration (signed, 2 pages)
5. Assignment Cover Sheet w/Assignment (3 pages)
6. Statement Under 37 CFR 3.73(b) w/copy of Assignment (3 pages)
7. Power of Attorney (1 page)